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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	SJO920030020US1	Total Pages	32
	First Named Inventor or Application Identifier			
	Richard Victor Kisley			
	Express Mail Label No.	ER032358151US		

 U.S. PTO
22154 630191
22101 07/30/03

<p>APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.</p> <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification (Total Pages) <u>25</u> (Preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Application - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) (Total Pages) <u>5</u></p> <p>4. Oath or Declaration (Total Pages) <u>2</u> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b). </p> <p>5. <input type="checkbox"/> Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>	<p>Commissioner for Patents ADDRESS TO: Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identify of above copies </p> <p>ACCOMPANYING APPLICATION PARTS</p> <p>8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) if foreign priority is claimed</p> <p>16. <input checked="" type="checkbox"/> Other: Express Mail Certificate</p>
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17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 36491
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Please type a plus sign (+) inside this box →

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FEE TRANSMITTAL		Complete If Known	
		Application Number	Not yet assigned
		Filing Date	July 30, 2003
		First Named Inventor	Richard Victor Kisley
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	\$1306	Attorney Docket Number	SJO920030020US1

METHOD OF PAYMENT (check one)		FEES CALCULATION (continued)				
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES				
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Deposit Account Name: <u>IBM CORPORATION</u>		Fee Code	Fee (\$)	Fee Description	Fee Paid	
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Allowance		<input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of	1051	130	2051	65 Surcharge - late filing fee or oath
			1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet
			1053	130	2053	130 Non-English specification
			1812	2520	1812	2520 For filing a request for reexamination
			1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
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			1401	320	2401	160 Notice of Appeal
			1402	320	2402	160 Filing a brief in support of an appeal
			1403	280	2403	140 Request for oral hearing
			1451	1510	1451	1510 Petition to institute a public use proceeding
			1452	110	2452	55 Petition to revive - intentional
			1453	1300	2453	650 Petition to revive - unintentional
			1501	1300	2501	650 Utility issue fee
			1502	470	2502	235 Design issue fee
			1503	630	2503	315 Plant issue fee
			1460	130	1460	130 Petitions to the Commissioner
			1807	50	1807	50 Petitions related to provisional applications
			1806	180	1806	180 Submission of Information Disclosure Stmt
			8021	40	8021	40 Recording each patent assignment per property (times number of properties)
			1809	750	1809	375 Filing a submission after final rejection (37 CFR 1.129(a))
			1810	750	2810	375 For each additional invention to be examined (37 CFR 1.129(b))
			Other fee (specify) _____			
SUBTOTAL (1)		\$ 750		SUBTOTAL (3)		\$ 40
SUBTOTAL (2)		\$ 516		*Reduced by Basic Filing Fee		

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	<u>Brian C. Kunzler</u>			Reg. Number	38,527
Signature	<u>Brian C. Kunzler</u>		Date	Jul 30, 2003	Deposit Account User ID

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PATENT APPLICATION
Docket No.: SJO920030020US1

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Date of Deposit: July 30, 2003

I hereby certify that this patent application in the name of Richard Victor Kisley for APPARATUS, METHOD, AND SYSTEM FOR ASYNCHRONOUS REPLICATION OF A HIERARCHICALLY-INDEXED DATA STORAGE, together with the drawings, a Declaration, Power of Attorney, and Petition, an Assignment and Recordation Form Cover Sheet, Information Disclosure Statement, PTO Form 1449, and Copies of Cited References are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,



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Date: July 30, 2003
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